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Subje Individuals selected for simulation
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Hi everyone!

Please find attached spreadsheet with the individual mother-infant pairs from Dr.
Haddad's data that we (Dave, Mike, Dana, and Marcia) have selected for simulation runs
across the 3 models. Here is how we did the selection process:

1- We removed all individual pairs who had any blue-highlighting, indicating that some
input parameters were estimated rather than empirical.

2- We selected mother-infant pairs who breast fed for 11 months or longer. This left 15
individual pairs.

3- We sorted the oral daily dose to mother (column "N") in descending order.

4- Then we selected every other pair until the end. Fortuitously, this resulted in 4 male
infants and 4 female infants totaling 8 mother-infant pairs across a good spread of oral
daily dose to mother values.

The ID numbers are: 210, 93, 222, 199, 55, 159, 265, and 236.

Here is what we need everyone to do by the end of the day on Tuesday next week
(September 29):

1- Use the calculated maternal oral daily dose (column "N") to run a simulation on your
model for each of the selected mother-infant pairs. To the extent of flexibility allowed by
your model, please use a half-life of 27.5 years for PCB-153 for all simulations (we'll
probably want to run with a range of half-lives for the actual poster [3.8 years, 9 years,
and 27.5 years] but we don't need that for the abstract).

2- The output parameters that we need for each individual pair:
 a) 6-month and 12-month integrated average milk concentrations in these units: ug-
PCB-153/kg-lipid

b) 6-month and 12-month integrated average daily oral doses to individual infants in these units: ug-PCB-153/kg-infant body weight/day

3- Run simulations for hypothetical individual mother-infant pair with a maternal average daily oral dose of 0.281 ug-PCB-153/kg BW/day with the same output parameters as described in #2 above

4- Sami, if you could also provide whatever measured milk PCB-153 concentrations you have for these 8 individual women, that would be great.

I'm sorry for the quick turn-around time, but I think that if we can actually have these numbers to look at, we can be more concise in our SOT abstract and actually say something of substance about the model comparison in the conclusion.

Thanks everybody!

Dave

Individuals selected for simulation9.24.09.xls